ABSTRACT

A system and method is disclosed for locating people or objects. In particular, a system and method for locating a wireless mobile station using a plurality of mobile station location estimators is disclosed. The system is useful for 911 emergency calls, tracking, routing, people and animal location including applications for confinement to and exclusion from certain areas. Additionally, a computational system and method for calibrating the relative performance of multiple models for various application domains is disclosed (e.g., medical, vehicle, communication diagnosis, robotics, seismic signal processing, recognition of terrestrial and/or airborne objects from satellites), wherein each such model may generate hypotheses (e.g., estimates and/or predictions) of an unknown condition. Additionally, the computational system and method may be distributed across a network such as the Internet.

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